

Converting Colors

YUV(141.3140, 54.0752,
-30.9704)

Have a look what the booklet for
YUV(141.3140, 54.0752, -30.9704)
contains.

YUV(141.3140, 54.0752, -30.9704)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(141.3140, 54.0752,
-30.9704)**

Conversions

Conversions Part 1

Format	Color
Hex	6A8AFB
RGB	106, 138, 251
RGB Percent	42%, 54%, 98%
CMY	0.5843, 0.4588, 0.0157
CMYK	0.58, 0.45, 0.00, 0.02
HSL	227°, 95%, 70%
HSV	227°, 58%, 98%
XYZ	32.4449, 28.2062, 95.0011
YIQ	141.3140, -55.3450, 28.3590

Conversions

Conversions Part 2

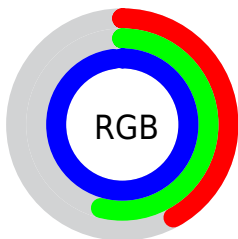
Format	Color
RYB	106, 132, 251
Decimal	6982395
CIELab	60.07, 21.53, -59.95
CIELCh	60, 63.698, 289.758
Yxy	28.2062, 0.2084, 0.1812
Android (android.graphics.Color)	4285172475 (0xFF6A8AFB)
YUV	141.3140, 54.0752, -30.9704
Hunter-Lab	53.1095, 16.1052, -68.8800

Details

The YUV color $141.3140, 54.0752, -30.9704$ is a light color, and the websafe version is hex $6699FF$. A complement of this color would be $215.6860, -54.0752, 30.9704$, and the grayscale version is $141.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $191.1200, 31.4928, -21.1532$, and $84.2260, 54.1186, -44.9252$ is the 20% darker color. If you saturate the color by 10%, you get $122.0990, 63.5482, -36.0438$, and if you desaturate by 10%, it is $160.5290, 44.6022, -25.8969$.

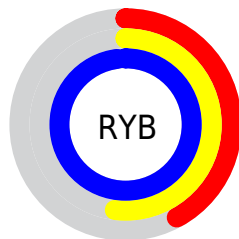
Distribution



Red (42%)

Green (54%)

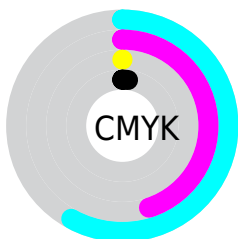
Blue (98%)



Red (42%)

Yellow (52%)

Blue (98%)

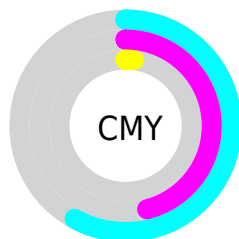


Cyan (58%)

Magenta (45%)

Yellow (0%)

Black (2%)



Cyan (58%)

Magenta (46%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 141.3140, 54.0752, -30.9704 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 141.3140, 54.0752, -30.9704 by changing the saturation by 10% instead.

■ 141.3140, 54.0752,
-30.9704

■ 141.3140, 54.0752,
-30.9704

255.0000, 0.0000,
0.0000

■ 113.7650, 53.3599,
-34.8739

■ 191.1200, 31.4928,
-21.1532

■ 84.2260, 54.1186,
-44.9252

■ 216.5260, 18.9677,
-17.1243

■ 57.6660, 53.4087,
-50.5731

■ 241.9320, 6.4425,
-13.0954

■ 42.2610, 47.6923,
-37.0629

■ 28.1440, 41.8340,
-24.6823

■ 10.0320, 38.4382,
-8.7981

■ 10.7040, 25.7819,

-9.3874

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 141.3140, 54.0752,
-30.9704

■ 141.3140, 54.0752,
-30.9704

■ 122.0990, 63.5482,
-36.0438

■ 160.5290, 44.6022,
-25.8969

■ 103.4710, 72.7318,
-41.6321

■ 179.1570, 35.4186,
-20.3087

■ 84.2560, 82.2048,
-46.7055

■ 198.3720, 25.9456,
-15.2352

■ 65.6280, 91.3884,
-52.2938

■ 217.0000, 16.7620,
-9.6470

■ 60.8990, 93.7198,
-53.4084

■ 236.2150, 7.2890,
-4.5736

■ 254.5440, -1.7472,
0.3999

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



121.2290, 65.9491, -106.3178



141.3140, 54.0752, -30.9704



148.8900, 34.0712, 38.6845

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



141.3140, 54.0752, -30.9704



140.4570, -39.6653, 75.8982



113.8120, 4.5297, -99.8131

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



141.3140, 54.0752, -30.9704



215.6860, -54.0752, 30.9704

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



123.6400, -27.9235, -50.5503



141.3140, 54.0752, -30.9704



137.5800, -59.9389, 45.0953

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



141.3140, 54.0752, -30.9704



139.7990, -14.6909, 92.2613



132.9400, -56.1724, 3.5606



121.0110, 29.5746, -106.1266

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



141.3140, 54.0752, -30.9704



145.6030, 19.4227, 70.5082



132.9400, -56.1724, 3.5606



111.0590, -3.4801, -97.3987

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



141.3140, 54.0752, -30.9704



222.1850, 16.1778, -8.9322



203.7690, 6.5229, -85.7434



108.4860, 9.6204, -5.6882



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



141.3140, 54.0752, -30.9704



121.9570, 65.5902, -37.6733



134.1910, 57.5868, 9.4795



115.2430, 4.8102, -2.8441



46.2000, 70.4004, -40.5174



15.1720, 22.5932, -13.3058

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



153.0030, -7.3965, 85.9434



136.0700, -8.9085, 104.3016



222.8090, -57.5868, -9.4795



116.2290, -0.6059, 7.6922



61.2990, -9.5144, 111.9938



19.8350, -2.8767, 36.1017

Previews

White Background



This preview shows how the YUV color 141.3140, 54.0752, -30.9704 looks on a white background.

Color Contrast Check

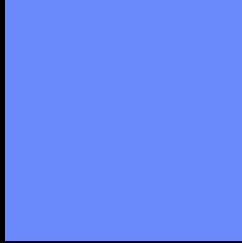
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 141.3140, 54.0752, -30.9704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

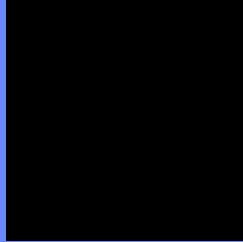
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 141.3140, 54.0752, -30.9704 Background



This preview shows how black text looks on a background with the YUV color 141.3140, 54.0752, -30.9704.



This preview shows how white text looks on a background with the YUV color 141.3140, 54.0752, -30.9704.

-30.9704.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

141.3140, 54.0752, -30.9704

Protanopia

138.5300, 56.4337, -40.8068

Deuteranopia

132.6260, 57.3724, -61.9390



Tritanopia

132.3660, 18.0606, -52.9410

Trichromacy



Original Color

141.3140, 54.0752, -30.9704

Protanomaly

139.3240, 55.5493, -37.1181

Deuteranomaly

135.7630, 56.3188, -50.6582

Tritanomaly

135.2650, 31.4214, -44.9594

Monochromacy



Original Color

141.3140, 54.0752, -30.9704

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

141.0860, 19.6776, -11.4764

CSS Examples

Text

The CSS property to change the color of the text to YUV 141.3140, 54.0752, -30.9704 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(106, 138, 251)` looks like.

```
.text, #text, p{  
    color:rgb(106, 138, 251)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(106, 138, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 138, 251) }
```

Border

The CSS property to change the border of an element to YUV 141.3140, 54.0752, -30.9704 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 138, 251) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(106, 138, 251) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(106, 138, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 138, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 138, 251);  
box-shadow:4px 4px 4px 4px rgb(106, 138,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 141.3140, 54.0752, -30.9704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 138, 251) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(106,  
138, 251) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor